```
=> d hist full

        (FILE 'HOME' ENTERED AT 11:16:28 ON 05 JUL 2006)

    .   FILE 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
        AQUASCI, BIOENG, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB,
    .   CIN, CONFSCI, CROPB, CROPU, DDFB, DGENE, DISSABS, DRUGB, DRUGMONOG2,
        DRUGU, EMBAL, EMBASE, ESBIOBASE, FOMAD, ...' ENTERED AT 11:17:10 ON 05
        JUL 2006

        FILE 'REGISTRY' ENTERED AT 11:18:09 ON 05 JUL 2006
                    SET LINE 250
                    SET DETAIL OFF
                    E "POLYETHYLENE GLYCOL CHOLESTERYL ETHER"/CN 25
                    SET NOTICE 1000 SEARCH
L1              1 SEA ABB=ON  PLU=ON  "POLYETHYLENE GLYCOL CHOLESTERYL ETHER"/CN

                    SET NOTICE 1 DISPLAY
                    SET LINE LOGIN
                    SET DETAIL LOGIN
                    DIS L1 1 SQIDE
                    SET NOTICE LOGIN DISPLAY
                    SET NOTICE LOGIN SEARCH

        FILE 'BIOSIS, BIOTECHNO, CA, CAPLUS' ENTERED AT 11:19:36 ON 05 JUL 2006

        FILE 'REGISTRY' ENTERED AT 11:19:42 ON 05 JUL 2006
                    SET SMARTSELECT ON
L2                  SEL PLU=ON  L1 1- CHEM :      26 TERMS
                    SET SMARTSELECT OFF

        FILE 'BIOSIS, BIOTECHNO, CA, CAPLUS' ENTERED AT 11:19:43 ON 05 JUL 2006
L3           1429 SEA ABB=ON  PLU=ON  L2
L4            218 SEA ABB=ON  PLU=ON  L3 (S) (CHOLESTEROL OR LIPOPROTEIN)
L5              7 SEA ABB=ON  PLU=ON  L4 (S) (DETECT? OR QUANTIF? OR MEASUR? OR
                  LABEL?)
L6              3 DUP REM L5 (4 DUPLICATES REMOVED)
                  D L6 IBIB ABS 1-3
L7             11 SEA ABB=ON  PLU=ON  L4 AND DETECT?
L8              5 DUP REM L7 (6 DUPLICATES REMOVED)
                  D L8 IBIB ABS 1-5

        INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
        AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
        CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
        DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 11:27:40 ON 05 JUL 2006
                  SEA (POLYETHYLENE (5A) GLYCOL (5A) (CHOLESTEROL OR CHOLESTERYL)
                  ---------
                      8    FILE BIOENG
                     35    FILE BIOSIS
                      7    FILE BIOTECHABS
                      7    FILE BIOTECHDS
                     14    FILE BIOTECHNO
                     92    FILE CAPLUS
                      1    FILE DDFB
                     22    FILE DDFU
                      9    FILE DGENE
                      4    FILE DISSABS
                      1    FILE DRUGB
                     50    FILE DRUGU
                      2    FILE EMBAL
                     37    FILE EMBASE
                     20    FILE ESBIOBASE
                     42    FILE IFIPAT
```

```
            4    FILE JICST-EPLUS
            6    FILE LIFESCI
           35    FILE MEDLINE
           21    FILE PASCAL
           40    FILE SCISEARCH
           32    FILE TOXCENTER
          274    FILE USPATFULL
           25    FILE USPAT2
           22    FILE WPIDS
            1    FILE WPIFV
           22    FILE WPINDEX
L9            QUE ABB=ON  PLU=ON  (POLYETHYLENE (5A) GLYCOL (5A) (CHOLESTEROL
              OR CHOLESTERYL) (5A) ETHER) OR (POLYETHOXYLATED (5A) CHOLESTER
              OL) OR (PEG (5A) CHOL)
              ---------
              SEA L9 AND (DETECT? OR MEASUR? OR QUANTIF? OR LABEL?)
              ---------
            1    FILE BIOENG
            7    FILE BIOSIS
            3    FILE BIOTECHABS
            3    FILE BIOTECHDS
            2    FILE BIOTECHNO
           15    FILE CAPLUS
            1    FILE DDFB
            5    FILE DDFU
            1    FILE DRUGB
           20    FILE DRUGU
           10    FILE EMBASE
            6    FILE ESBIOBASE
           23    FILE IFIPAT
            1    FILE LIFESCI
            7    FILE MEDLINE
            2    FILE PASCAL
            9    FILE SCISEARCH
            5    FILE TOXCENTER
          235    FILE USPATFULL
           23    FILE USPAT2
            6    FILE WPIDS
            6    FILE WPINDEX
L10           QUE ABB=ON  PLU=ON  L9 AND (DETECT? OR MEASUR? OR QUANTIF? OR
              LABEL?)
              ---------
              D RANK


    FILE 'DRUGU, CAPLUS, EMBASE, SCISEARCH, BIOSIS, MEDLINE, ESBIOBASE,
    WPIDS, TOXCENTER, BIOTECHDS, BIOTECHNO, PASCAL, BIOENG, DDFB, DRUGB,
    LIFESCI' ENTERED AT 11:34:56 ON 05 JUL 2006
L11          96 SEA ABB=ON  PLU=ON  L10
L12          46 DUP REM L11 (50 DUPLICATES REMOVED)
              D L12 IBIB ABS 1-20
              SET NOTICE DISPLAY 1
              SET AUHELP OFF
              SET SMART OFF
              SET MSTEPS OFF
              SET EXPAND CONT
              SET AUDIT OFF
              DEL SEL Y


    FILE 'CAPLUS' ENTERED AT 11:43:18 ON 05 JUL 2006
L13           1 SEA ABB=ON  PLU=ON  JP 2003-154009/PN,APPS

    FILE 'INPADOC' ENTERED AT 11:43:20 ON 05 JUL 2006

    FILE 'CAPLUS' ENTERED AT 11:43:22 ON 05 JUL 2006
```

```
L14                TRA PLU=ON  L13 1- PN :        1 TERM

      FILE 'INPADOC' ENTERED AT 11:43:22 ON 05 JUL 2006
L15               TRA L13 PN RAN=(ALL)

      FILE 'INPADOC' ENTERED AT 11:43:23 ON 05 JUL 2006
L15         1 SEA ABB=ON   PLU=ON   L14
L16         0 SEA ABB=ON   PLU=ON   L15 AND US/PC
L17         0 SEA ABB=ON   PLU=ON   L15 AND ZA/PC
L18         0 SEA ABB=ON   PLU=ON   L15 AND EP/PC AND EN/LA
L19         0 SEA ABB=ON   PLU=ON   L15 AND WO/PC AND EN/LA
L20         0 SEA ABB=ON   PLU=ON   L15 AND AU/PC
L21         0 SEA ABB=ON   PLU=ON   L15 AND CA/PC AND EN/LA
            D SELECT
            SET AUHELP LOGIN
            SET SMART LOGIN
            SET MSTEPS LOGIN
            SET EXPAND LOGIN
            SET AUDIT LOGIN
            SET NOTICE LOGIN DISPLAY

      FILE 'DRUGU, CAPLUS, EMBASE, WPIDS, TOXCENTER, BIOTECHDS, DDFB' ENTERED
      AT 11:47:17 ON 05 JUL 2006
            D L12 IBIB ABS 21-46

      FILE 'INPADOC' ENTERED AT 11:47:28 ON 05 JUL 2006
```
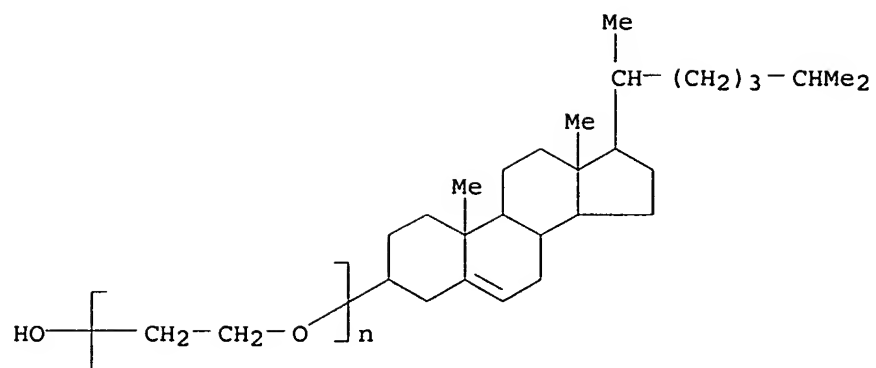
```
L1    ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2006 ACS on STN
RN    27321-96-6  REGISTRY
CN    Poly(oxy-1,2-ethanediyl), α-(3β)-cholest-5-en-3-yl-ω-
      hydroxy- (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    Cholestane, poly(oxy-1,2-ethanediyl) deriv.
CN    Cholesterol, monoether with polyethylene glycol (8CI)
CN    Glycols, polyethylene, monocholesteryl ether (8CI)
OTHER NAMES:
CN    Aqualose
CN    Bellpol C 24
CN    Cholesterol polyoxyethylene ether
CN    Choleth 10
CN    Choleth 24
CN    CS 10
CN    CS 20
CN    CS 30
CN    Emalex CS 10
CN    Emalex CS 20
CN    Emalex CS 30
CN    Emalex CS 5
CN    PEG-cholesterol
CN    Polyethoxylated cholesterol
CN    Polyethylene glycol cholesterol
CN    Polyethylene glycol cholesterol ether
CN    Polyethylene glycol cholesteryl ether
CN    Polyoxyethylene cholesteryl ether
CN    Polyoxyethylene monocholesteryl ether
DR    668436-96-2, 131175-15-0, 210357-25-8, 215815-16-0, 347360-30-9,
      463962-62-1
MF    (C2 H4 O)n C27 H46 O
CI    PMS, COM
PCT   Polyether
LC    STN Files:   BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CHEMLIST, CSCHEM,
         DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS,
         PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL
            (*File contains numerically searchable property data)
         Other Sources:   DSL**, TSCA**
            (**Enter CHEMLIST File for up-to-date regulatory information)
DT.CA  CAplus document type:  Conference; Journal; Patent
RL.P   Roles from patents:  ANST (Analytical study); BIOL (Biological study);
         PRP (Properties); RACT (Reactant or reagent); USES (Uses)
RLD.P  Roles for non-specific derivatives from patents:  ANST (Analytical
         study); BIOL (Biological study); PREP (Preparation); USES (Uses)
RL.NP  Roles from non-patents:  BIOL (Biological study); MSC (Miscellaneous);
         OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties);
         RACT (Reactant or reagent); USES (Uses)
RLD.NP Roles for non-specific derivatives from non-patents:  ANST (Analytical
         study); BIOL (Biological study); PREP (Preparation); PRP (Properties);
         RACT (Reactant or reagent); USES (Uses)
```

Me
|
CH—(CH$_2$)$_3$—CHMe$_2$

Me

Me

HO—[—CH$_2$—CH$_2$—O—]$_n$

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

    203 REFERENCES IN FILE CA (1907 TO DATE)
     10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
    203 REFERENCES IN FILE CAPLUS (1907 TO DATE)

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	187	(polyethoxylated near3 cholesterol) or (polyethylene near3 glycol near3 (cholesterol or cholesteryl) near3 ether) or (polyoxyethylene near3 (cholesteryl or monocholesteryl))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 14:04
L2	140	peg near3 chol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 11:42
L3	60	L2 same cholesterol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 14:03
L4	114	L1 same cholesterol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 13:15
L5	114	L1 same (cholesterol or lipoprotein or hdl or ldl)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 11:55
L6	28	"3260648"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 11:55
L7	5	L1 same (fluores$ or label$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 12:51
L8	18328	cholesterol near6 (blood or serum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 14:03
L9	28	L1 and L8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 14:04

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	38	kobayashi near3 toshihide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 11:27
L2	528	satoshi near sato	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 11:26
L3	536	satoshi near3 sato	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 11:26
L4	5	satoshi near3 sato and cholesterol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 11:26
L5	121	yoshio near3 hamashima	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 11:34
L6	4	yoshio near3 hamashima and cholesterol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/05 11:34